



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>A61K 38/16</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 95/17904</b> <b>(43) International Publication Date:</b> 6 July 1995 (06.07.95)
<b>(21) International Application Number:</b> PCT/US94/14717 <b>(22) International Filing Date:</b> 16 December 1994 (16.12.94)  <b>(30) Priority Data:</b> 08/173,996                      28 December 1993 (28.12.93)      US  <b>(71) Applicant:</b> ALLERGAN, INC. [US/US]; 2525 Dupont Drive, P.O. Box 19534, Irvine, CA 92713-9534 (US).  <b>(72) Inventors:</b> AOKI, K, Roger; 25472 Earhart Road, Laguna Hills, CA 92653 (US). GRAYSTON, Michael, W.; 12 Mandarin, Irvine, CA 92714 (US). CARLSON, Steven, R.; 29991 Happy Sparrow Lane, Laguna Niguel, CA 92677 (US). LEON, Judith, M.; 29992 Running Deer Lane, Laguna Niguel, CA 92677 (US).  <b>(74) Agents:</b> BARAN, Robert, J. et al.; Allergan, Inc., 2525 Dupont Drive, P.O. Box 19534, Irvine, CA 92713-9534 (US).		<b>(81) Designated States:</b> AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished          upon receipt of that report.</i>
<b>(54) Title:</b> BOTULINUM TOXINS FOR TREATING VARIOUS DISORDERS AND ASSOCIATED PAIN  <b>(57) Abstract</b> <p>The present invention provides a method for relieving pain, associated with muscle contractions, a composition and a method of treating conditions such as cholinergic controlled secretions including excessive sweating, lacrimation and mucus secretions and a method for treating smooth muscle disorders including, but not limited to, spasms in the sphincter of the cardiovascular arteriole, gastrointestinal system, urinary, gall bladder and rectum, which method comprises administering to the patient suffering from said disorder or condition a therapeutically effective amount of Botulinum toxin selected from the group consisting of Botulinum toxin types B, C, D, E, F and G.</p>		